

Highfield Primary School

Curriculum Planning:

Topics & mapping  
2018-19

**Topics:**

**Autumn** – Step Back in Time

**Spring** – Active Planet

**Summer** – Sensational Sculpture

British Values

Year: 5

2018-19						
Autumn term Step Back in Time			Spring term Active Planet		Summer term Sensational Sculpture	
	1	2	1	2	1	2
Core Text	The Adventures of Odysseus Democracy A Midsummer Night's Dream	There's a Girl in the Boy's Bathroom Mutual Respect and Tolerance	The Highwayman	Floodland The Rule of Law	Hacker The Rule of Law	Streetchild Mutual Respect and Tolerance
Science	<b>All living things &amp; their habitats</b> Describe differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals.	<b>Animals including humans</b> Describe the changes as humans develop to old age.	<b>Forces/Magnetism</b> Gravity Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. <i>Gallileo/Newton</i>	<b>Earth and Space</b> <b>Gaia</b> Movement of the Earth, and other planets, relative to the Sun in the solar system Movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	<b>Properties &amp; Changes of Materials</b> Compare and group together everyday materials Know that some materials will dissolve in liquid to form a solution; describe how to recover a substance from a solution Decide how mixtures might be separated, including through filtering, sieving and evaporating Uses of everyday materials, including metals, wood and plastic	<b>Properties &amp; Changes of Materials</b> Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Hist / geog	H Develop chronological understanding: timelines Draw a timeline with different time periods outlined showing different information (eg periods of history, when famous people lived etc) Ancient Greece – life, achievements, influence, including the legacy of Greek culture on later periods in British History (BV including democracy) Archaeology – create an archaeological dig/explore the profession	Ancient Greece – life, achievements, influence, including the legacy of Greek culture on later periods in British History (BV including democracy)  Greek Day	G North & South America study, Human and Physical features of a region – economic activity and trade links, distribution of natural resources Biomes and Vegetation Belts Position & significance of longitude, latitude, equator, hemispheres, tropics, Arctic & Antarctic	G North & South America study, Human and Physical features of a region – economic activity and trade links, distribution of natural resources Biomes and Vegetation Belts Position & significance of longitude, latitude, equator, hemispheres, tropics, Arctic & Antarctic	H The Viking & Anglo-Saxon struggle for England	H The Viking & Anglo-Saxon struggle for England
RE	A2 How does learning about the Mosque help us to understand community?	Place of worship visit, the Mosque BV – Tolerance and acceptance of the beliefs of others. Comparing faiths.	A1 The Buddha and his Teachings	B2 Pesach	B2 Exploring Christian values in the world today	The Sikh Community and the Gurdwara (visit) BV – Tolerance and acceptance of the beliefs of others. Comparing faiths.

2018-19						
Autumn term Step Back in Time		Spring term Active Planet		Summer term Sensational Sculpture		
1		2		1		
2		1		2		
Art & Design	<b>Each term:</b> Use sketch books to record their observations Improve mastery of drawing, painting and sculpture techniques with a range of materials Learn about great artists, architects and designers in history. <i>Islamic Art</i>			<i>National Gallery Tintoretto "The Creation of the Galaxy"</i>	Hundertwasser	<i>Viking art &amp; design – motifs, sculpture</i>
D & T	<b>Each term:</b> Design, make, evaluate + technical knowledge	Sculpting –Greek Pots (strengthen, stiffen & reinforce – eg must be sturdy, waterproof etc) The Siren Vase		<i>Create a mobile model of the solar system</i>	Hundertwasser 'Your window your tree duty' – architecture in harmony with nature. Evaluate impact of design & technology on daily life & wider world	Cooking & Nutrition: Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques c.f. RE Sikhism eating together. £2 challenge – design and make a healthy family meal for £2.

PE	<p>1) <b>Swimming</b> 2) <b>Tennis</b></p>	<p>1) <b>Swimming</b> 2) <b>Dance</b></p>	<p>1) <b>Swimming</b> <i>set targets/improve performance</i> 2) <b>Gym</b> <i>Bridges</i></p>	<p>1) <b>Invasion games</b> <i>Shooting and keeping</i> BV – The rule of law – ‘Rules of the game’ Net/wall games Football/Hockey</p>	<p>1) <b>Striking and fielding</b> <i>To know roles of bowler, keeper, batter, fielder</i> Cricket/Rounders 2) <b>Athletics</b></p>	<p>1) <b>Invasion games</b> <i>Support play and formations</i> Netball/Rugby <i>Climbing wall</i> 2) <b>Athletics</b></p>
ICT/Computing	<p>Use sequence, selection &amp; repetition in programs: Explore geometric and Islamic art using vector &amp; turtle graphics</p> <p>E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities</p>	<p>Understand and use internet, search technologies and select software safely: Creating a website about cyber safety E-safety (thinkuknow.com) Cracking Codes BV – Individual Liberties- Rights and responsibilities</p>	<p>Programming: Developing a simple educational game</p> <p>E-safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities</p>	<p>Programming: Prototyping an interactive toy</p>	<p>Understand and use internet, search technologies and select software safely</p> <p>E-safety (thinkuknow.com) Cracking Codes</p>	<p>Communication &amp; Collaboration: Sharing experiences &amp; opinions; Blogging</p>
Music	<p>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p>	<p>Improvise and compose music for a range of purposes using the inter-related dimensions of music</p>	<p>Listen with attention to detail and recall sounds with increasing aural memory</p>	<p>Use and understand staff and other musical notations</p>	<p>Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians</p>	<p>Develop an understanding of the history of music.</p>
MFL	<p>On y va (All aboard) c.f. Le Metro</p>	<p><i>Optional (Linguascope)</i> Colours Face descriptions</p>	<p>L'argent de poche (Pocket money)</p>	<p><i>Optional (Linguascope)</i> In the classroom</p>	<p>Raconte-moi une histoire! (Tell me a story!)</p>	<p><i>Optional (Linguascope)</i> The weather Where I live Celebrations – Bastille Day</p>
PSHE	<p>Internet &amp; e-safety <i>Be Proud of Who You Are Week</i> Welcoming &amp; belonging Teamwork Giving praise and positive feedback Raising concerns and helping friends in need</p>	<p><i>BV – Individual Liberties. Rights and responsibilities</i> Forgiveness and friendships Understanding embarrassment Consequences of teasing and bullying Importance of anger management</p>	<p>Review e-safety Talking about puberty Male and female changes Puberty and hygiene Body image and the media Positive physical and emotional health</p>	<p>Legal and illegal drugs (including tobacco and alcohol) Attitudes to drugs Peer Pressure Healthy lifestyle choices: judging risk</p>	<p>Review e-safety Schools abroad Different communities Democracy, government and politics Campaigns and media influence</p>	<p>Celebrating Differences &amp; Tackling Homophobia Foreign currency What influences spending? Saving money Changing schools</p>
Trips	<p>Greek Workshop</p>	<p>Place of worship visit, the Mosque Millfield Theatre</p>		<p>Science Museum – Space Day</p>	<p>British Museum – Vikings</p>	<p>Place of worship visit, the Gurdwara</p>